

5'	GCG	CGG	NCA	GAC	GNC	AGC	GCC	ATG	GAG	TAC	GCT	CGG	GAG	CCC	TGC	CCA	TGG	
	9	18																54
	63	72																108
R	I	V	D	D	C	G	G	A	F	T	M	G	V	I	G	G		
V	F	Q	A	I	K	G	F	R	N	A	P	V	G	I	R	H	R	
L	R	G	S	A	N	A	V	R	I	R	A	P	Q	I	G	S		
F	A	V	W	G	G	L	F	X	T	I	D	C	G	L	V	R	L	
R	G	K	E	D	P	W	N	S	I	T	S	G	A	L	T	G	A	
V	L	A	A	R	S	G	P	L	A	M	V	G	S	A	M	M	G	
	117	126																162
	171	180																216
	225	234																270
	279	288																324
	333	342																378

FIGURE 1A

	387	396	405	414	423	432											
GGC	ATC	CTG	TTC	GCC	CTC	ATT	GAG	GGC	GTT	GGC	ATC	CTC	CTC	ACT	CGC	TAC	ACA
G	I	L	A	L	I	E	G	V	G	I	L	L	T	R	Y	T	
	441	450	459	468	477	486											
GCC	CAG	CAG	TTC	CGA	AAT	GCG	CCC	CCA	TTC	CTG	GAG	GAC	CCC	AGC	CAG	CTG	CCC
A	Q	Q	F	R	N	A	P	P	F	L	E	D	P	S	Q	L	P
	495	504	513	522	531	540											
CCT	AAG	GAT	GGC	ACC	CCG	GCC	CCA	GGC	TAC	CCC	AGC	TAT	CAG	OAG	TAC	CAC	TGA
P	K	D	G	T	P	A	P	G	Y	P	S	Y	Q	Q	Y	H	
	549	558	567	576	585	594											
GGA	AGC	CAC	TGC	CAC	CAT	GGG	ACC	TAC	TTC	TCG	GTT	CCC	TCC	CGG	ATG	GTC	TAC
	603	612	621	630	639	648											
CTC	GAA	GGG	AGG	GCT	GGC	TCC	CAG	TTA	GCC	CTG	GGA	CCC	TCC	AGA	GAG	GGT	TTC

TAT CTG T 3'

FIGURE 1B

1	M E - E Y A R E P C P W R I V D D C G G	1318463
1	M E - E Y A R E P C P W R I V D D C G G	GI 1770564
1	M S A D H S R D P C P I V I L N D F G G	GI 557267
20	A F T M G V I G G G V F Q A I K G F R N	1318463
20	A F T M G T I G G G I F O A I K G F R N	GI 1770564
21	A F A M G A I G G V V W H G I K G F R N	GI 557267
40	A P V G I R H R L R G S A N A V R I R A	1318463
40	S P V G V N H R L R G S L T A I K T R A	GI 1770564
41	S P L G - - E R G S G A M S A I K A R A	GI 557267
60	P Q I G G S F A V W G G L F X T I D C G	1318463
60	P Q L G G S F A V W G G L F S M I D C S	GI 1770564
59	P V L G G N F G V W G G L F S T F D C A	GI 557267
80	L V R L R G K E D P W N S I T S G A L T	1318463
80	M V Q V R G K E D P W N S I T S G A L T	GI 1770564
79	V K A V R K R E D P W N A I I T A G F F T	GI 557267
100	G A V L A A R S G P L A M V G S A M M G	1318463
100	G A I L A A R N G P V A M V G S A A M G	GI 1770564
99	G G A L A V R G G W R H T R N S S I T C	GI 557267
120	G I L L A L I E G V G I L L T R Y T A -	1318463
120	G I L L A L I E G A G I L L T R F A S -	GI 1770564
119	A C L L G V I E G V G L M F Q R Y A A W	GI 557267
139	Q Q F R N A P P F L E D P S Q L P P K D	1318463
139	A Q F P N G P Q F A E D P S Q L P S T Q	GI 1770564
139	Q A K P M A P P L P E A P S S Q P L Q A	GI 557267
159	G T P A P G Y P S Y Q Q Y H	1318463
159	- L P S S P F G D Y R Q Y Q	GI 1770564
158		GI 557267

FIGURE 2

10038302-51042

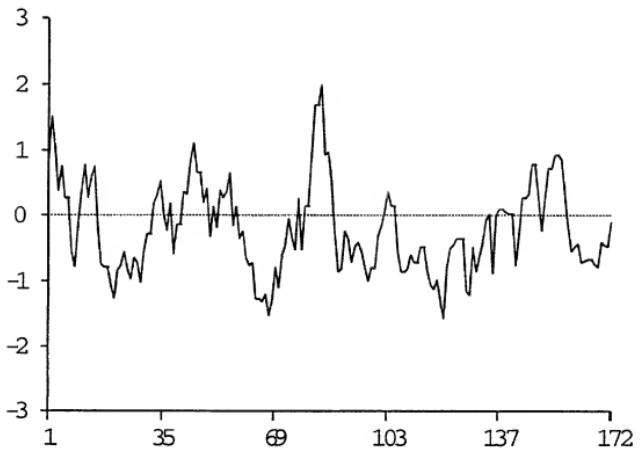


FIGURE 3

10038302.010402

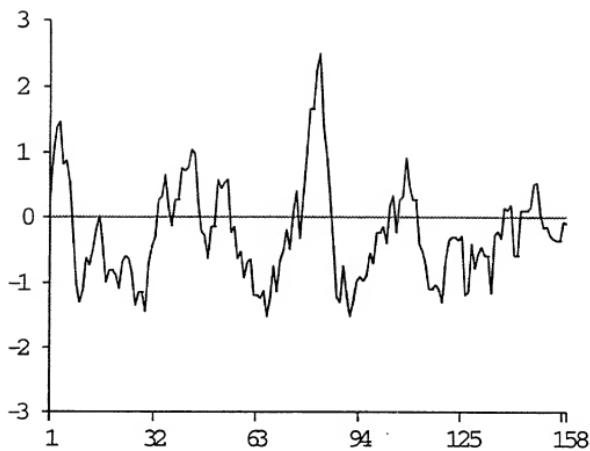


FIGURE 4